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XX.	Application Number	10/517,177
TRANSMITTAL	Filing Date	December 7, 2004
FORM	First Named Inventor	Anatoliy A. Kosterev
As be used from the summer of the second state	Art Unit	
(to be used for all correspondence after initial filing)	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	1789-11102

ENCLOSURES (check all that apply)						
☐ Fee Transmittal Form ☐ Fee Attached ☐ Amendment/Reply ☐ After Final ☐ Affidavits/declaration ☐ Extension of Time Reques ☐ Express Abandonment Red ☐ Information Disclosure State ☐ Certified Copy of Priority ☐ Response to Missing Parts Incomplete Application ☐ Response to Missing under 37 CFR 1.52 of	n(s) st quest atement Document(s)	LOSURES (check all that of Drawing(s) □ Licensing-related Papers □ Petition □ Petition to Convert to a Provisional Application □ Power of Attorney, Revocation Change of Correspondence Add □ Terminal Disclaimer □ Request for Refund □ CD, Number of CD(s) □ Landscape Table on CD		After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): In PTO - 1449 (1 p.); Six cited ences;; and acknowledgment eard		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm CONLEY ROSE, P. C. Signature Marcella D. Watkins						
Date	January 28, 2005		eg. No. 36,962			
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or Printed Name Sandra K: Bestey Sandra						
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Anatoliy A. Kosterev

GROUP ART UNIT:

SERIAL NO.:

10/517,177

Unknown

FILED:

EXAMINER:

December 7, 2004

Unknown

FOR:

Quartz-Enhanced Photoacoustic Spectroscopy §

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 Atty. Dkt. No.: 1789-11102 Date: January 28, 2005

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

As this Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97(b), no certification or fee is required.

Respectfully submitted,

Marcella D. Watkins

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VPTO Substitute for form 1449A/PTO Complete if Known 10/517.177 Application Number INFORMATION DISCLOSURE Filing Date December 7, 2004 STATEMENT BY APPLICANT First Named Inventor Anatoliy A. Kosterev Group Art Unit (use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number 1789-11102 U.S. PATENT DOCUMENTS Examiner Cite Document Number Pages, Columns, Lines, Where Initials* No.1 Relevant Passages or Relevant **Publication Date** Name of Patentee or Applicant Number-Kind Code ² (if known) Figures Appear MM-DD-YYYY of Cited Document AA US-5159411 10/27/1992 Hammerich et al. US-6236455 05/22/2001 Autrey et al. 02/19/2002 AC US-6348968 Autrey et al. AD US-6466806 10/15/2002 Geva et al. OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS T^2 Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Initials* item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Photoacoustic Spectroscopy [online] Retrieved from the Internet: <URL: http://nte-serveur.univ-lyon1.fr/nte/specrtoscopie/photoaccoustiques/Web PAS5.htm dated May *, 2003 Photoacoustic Spectroscopy [online] Retrieved from the Internet: <URL: http://www.uni-hohenheim.de/~wwwgkoll/teilpr/Raimunde/node3.html dated May 8, 2003 AG [online] Retrieved from the Internet: <URL: http://www.wikipedia.org/w/wiki/phtml?title+Quartz_clock&printable=yes dated May 19, 2003 AΗ What! Quartz Tuning Forks? [online] Retrieved from the Internet: <URL: http://members.iinet.net.au/~fotoplot/accqf.htm ΑI Grober et al., Fundamental limits to force detection using quartz tuning forks, Review of Scientific Instruments Volume 71, Number 7 dated July 2000 (pp. 2776 - 2780) AJ Shen et al., Time Resolved Aspects of Pulsed Photoacoustic Spectroscopy, Analytical Sciences April 2001, Vo. 17, Special Issue 2001

Examiner	Date	
Signature	Considered	

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